

REMARKS

Applicants have the following response to the Office Action of January 11, 2006.

In the Office Action, the Examiner has the following rejections under 35 USC §103(a):

- A. Claims 1, 2, 7, 13 and 19-35 are rejected as being unpatentable over Schoolman (US 5,281,957) taken with Yamauchi et al. (US 5,276,471) in view of Bertsch (JP408087470A) taken with Catallo et al. (US 5,867,817) in view of Miller (US 5,784,569).
- B. Claims 3, 9 and 15 are rejected as being unpatentable over Schoolman taken with Yamauchi et al. in view of Bertsch taken with Catallo et al. in view of Miller et al. taken with Funai (which is believed to be US 6,162,667) and further in view of Oka et al. (US 6,235,563).
- C. Claim 4 is rejected as being unpatentable over Schoolman taken with Yamauchi et al. in view of Bertsch taken with Catallo et al. in view of Miller et al. taken with Funai (US 6,162,667).
- D. Claims 5, 11 and 17 are rejected as being unpatentable over Schoolman taken with Yamauchi et al. in view of Bertsch taken with Catallo et al. in view of Miller et al. and further in view of Intriligator (US 6,163,323) taken with Lewis (US 6,040,812).
- E. Claims 6, 12 and 18 are rejected as being unpatentable over Schoolman taken with Yamauchi et al. in view of Bertsch taken with Catallo et al. in view of Miller et al. and further in view of Nishi et al. (US 5,541,747).
- F. Claims 8, 10, 14 and 16 are rejected as being unpatentable over Schoolman taken with Yamauchi et al. in view Bertsch taken with Catallo et al. in view of Miller et al. and further in view of Funai et al.

Each of these rejections is respectfully traversed.

More specifically, in the Office Action, the Examiner is rejecting each of the independent claims (i.e. Claims 1, 2, 7, 13 and 22-26) over Schoolman (US 5,281,957) taken with Yamauchi et al. (US 5,276,471) in view of Bertsch (JP408087470A) taken with Catallo et al. (US 5,867,817) in view of Miller (US 5,784,569). The Examiner contends that Schoolman teaches a head mounting display, a display device having flat panel displays for right and left eyes mounted on the head of a user, and an input operation device; that Yamauchi teaches a head

mounted image displaying device, a controller which transmits a first information, an image second information transmitted from a TV tuner, and an input operation device; that Bertsch teaches a display related communication system and a camera provided over an input operation device; that Catallo teaches a head mounted display system, a controller connected to the display device, and that the flat panel displays are capable of displaying a plurality of pieces of information at a time; and that Miller teaches a computer system, that the display device, the controller, the input operation device, and the camera are adapted to be used by the same user, an image pick-up device and a camera connected to a controller.

It is respectfully submitted that this combination of references is improper, and further, even if combined, the combination fails to disclose or suggest the claimed invention.

For example, independent Claim 1 of the present application is directed to “a display device having flat panel displays for right and left eyes mounted on the head of a user” (HMD), “a controller which transmits a first information to at least one of the flat panel displays”; and “a camera provided over said input operation device.”

Schoolman, Yamauchi and Catallo appear to disclose a display device having a flat panel display mounted on the head of a user (HMD). In contrast, while Miller may disclose a controller and a display (graphics display terminal), Miller does not disclose or suggest a display device having a flat panel display mounted on a head of a user, and there is no disclosure or suggestion in the reference that the controller of Miller transmits information to the flat panel display, which is different from the display of the controller, as recited in Claim 1. Hence, even if combined, the combination of references fails to disclose or suggest the claimed feature that the controller transmits first information to at least the flat panel displays to display the first information.

Further, one skilled in the art would not have combined the controller of Miller (which provides no suggestion that the controller transmits information to the display) with the HMD of Schoolman, Yamauchi and Catallo to arrive at the claimed device which requires the controller to transmit information to the flat panel display.

Furthermore, Applicants respectfully submit that Catallo does not disclose or suggest displaying a plurality of pieces of information at a time. Applicants have reviewed the section in Catallo cited by the Examiner (col. 3, lns. 53-67 and col. 4, lns. 1-8) and do not believe that it supports the Examiner's contention. If the Examiner still believes that Catallo discloses the claimed feature, then it is respectfully requested that a more detailed explanation be provided as to how this reference discloses this claimed feature.

Accordingly, even if the references were properly combinable, the combination would still fail to disclose or suggest the invention of independent Claim 1.

Additionally, the Examiner states that it would have been obvious to put all the elements of the "system" at the disposal of the same system user. However, the "system" that the Examiner is referring to is the claimed elements. It is clear that the Examiner is using the claims of the present application to create this "system" and then is picking and choosing elements from the references based on the claims to recreate the claimed system. This is the only way the claimed system can be recreated as the cited references do not provide the framework for recreating this system. Hence, it is respectfully submitted that this is improper hindsight reconstruction.

Accordingly, for at least the above-stated reasons, the rejection of independent Claim 1 and those claims dependent thereon of the present application is improper, and these claims are

patentable over the cited references as the references do not disclose or suggest the claimed invention. Therefore, it is respectfully requested that the rejection of these claims be withdrawn.

For similar reasons, the rejections of the other independent claims and those claims dependent thereon of the present application are also improper and should be withdrawn.

In addition, independent Claims 13 and 25 include the features of an input operation device and an image pick-up device over the input operation device. The image pick-up device converts images of the input operation device and hands of the user into electrical signals which are supplied to the controller. The flat panel display displays images of the input operation device and the hands of user received from the image pick-up device. In contrast, while Bertsch may disclose a camera provided over the input operation device, Bertsch does not disclose or suggest a display device having a flat panel display mounted on a head of a user, and there is no disclosure or suggestion that the camera in Bertsch is used for displaying an image, which was taken by the camera, on the flat panel display mounted on the head of the user. Hence, the cited references do not disclose or suggest the device of independent Claims 13 and 25.

Further, there would have been no motivation to combine the controller of Miller and the camera of Bertsch to the HMD of Schoolman, Yamauchi and Catallo.

Accordingly, for at least the above-stated reasons, the rejection of the claims of the present application is improper, and these claims are patentable over the cited references as the references do not disclose or suggest the claimed invention. Therefore, it is respectfully requested that these rejections be withdrawn.

New Claims

Applicants are adding new dependent Claims 36-42. These claims are dependent on independent Claims 1, 27, 7, 22, 23, 24 and 26 and are allowable for at least the reasons discussed above for the independent claims.

Further new Claims 36-42 recite wherein the camera picks up an image and converts the image into an electrical signal to supply the electrical signal to the controller as one piece of the first information. As explained above, this feature is not disclosed or suggested by the cited references. Accordingly, it is respectfully requested that these new claims be entered and allowed.

The fee for new claims has been calculated as shown below.

| | Claims Remaining After Amendment | | Highest Number Previously Paid For | Present Extra | Rate | Fee |
|---------------------------|---|---|---|------------------|--|-----------|
| Total | 42 | - | 35 | 7 | (small entity) x 25 (others) x 50 | \$ 350.00 |
| Independent | 9 | - | 9 | 0 | (small entity) x 100 (others) x 200 | \$0.00 |
| Multiple Dependent (None) | | | | | (small entity) + 180 (others) + 360 | \$0.00 |
| TOTAL ADDITIONAL FEES | | | | | | \$350.00 |

Applicants are enclosing the \$350.00 fee for the new claims. If any further fee should be due for these claims, please charge our deposit account 50/1039.

Information Disclosure Statement

Applicants are submitting an Information Disclosure Statement (IDS) herewith. It is respectfully requested that this IDS be entered and considered prior to the issuance of any further action on this application.

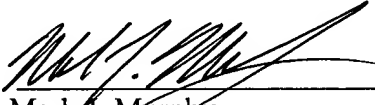
Conclusion

Accordingly, it is respectfully submitted that the present application is in a condition for allowance and should be allowed.

If any further fee should be due for this amendment, please charge our deposit account no. 50/1039.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,


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